

Smart Masonry

case study
By Elia Magari

Location: Berlin, Germany



Architect: ZAarchitects

Owner: N/A

Year of completion: 2015

Climate: Marine West Coast

Material of interest: 3d printed cement

Application: roof, walls, ceiling, structure, enclosure

Properties of material: The Smart Masonry is a structural design and a construction method, based on traditional masonry techniques. It deploys the digital optimization to minimize dead-weight of the skeleton and the robotic construction technique to assemble complex geometry

Sources: <http://www.archdaily.com/609108/digitized-bricks-zaarchitects-develop-smart-masonry>